IBM Personal Page Printer II

Laser printing with the IBM difference

No matter what your printing needs—from everyday correspondence to spreadsheets or newsletters with graphics—the IBM Personal Page Printer II (4216-031) offers you the features and multiuser flexibility you need at a price you can afford. With Page Printer II, you can tackle the most demanding desktop publishing applications. You'll also be able to support many different users and multiple applications with this one powerful printer and its optional sheet feeder.

Foremost among the features of Page Printer II is its built-in PostScript® interpreter. It lets you take full advantage of the PostScript drivers in thousands of word processing, spreadsheet, graphics and publishing applications. And the Page Printer II has an optional dual tray and envelope sheet feeder that provides paper handling flexibility while you're running applications.

There's more. The Page Printer II has an extensive set of 47 typeface styles built in—more than any other desktop laser printer. It also has the ability to upgrade to 4Mb of memory—and that additional memory gives you the capacity to add even more typeface styles to the 47 that are resident in the printer. So whether you're printing a simple internal newsletter, a complex report, advertising copy or a magazine, Page Printer II can support the broad range of typeface styles you need to enhance your work and meet your printing needs.

You can also use the printer to print your publications directly—and get camera-ready copy with 300-dot-per-inch resolution. Or proof your pages on the Personal Page Printer II, then take your PostScript output file to a PostScript-supported typesetter. You'll get back type and graphics with resolution of up to 2,540 dots per inch. And since PostScript image data is rendered mathematically by the use of vectors, the curved lines and shaded areas of your typeset graphics will appear smoother than those created with bit-mapped programs.

Page Printer II gives you crisp, clear image printing as well. It provides high-quality output for images scanned with

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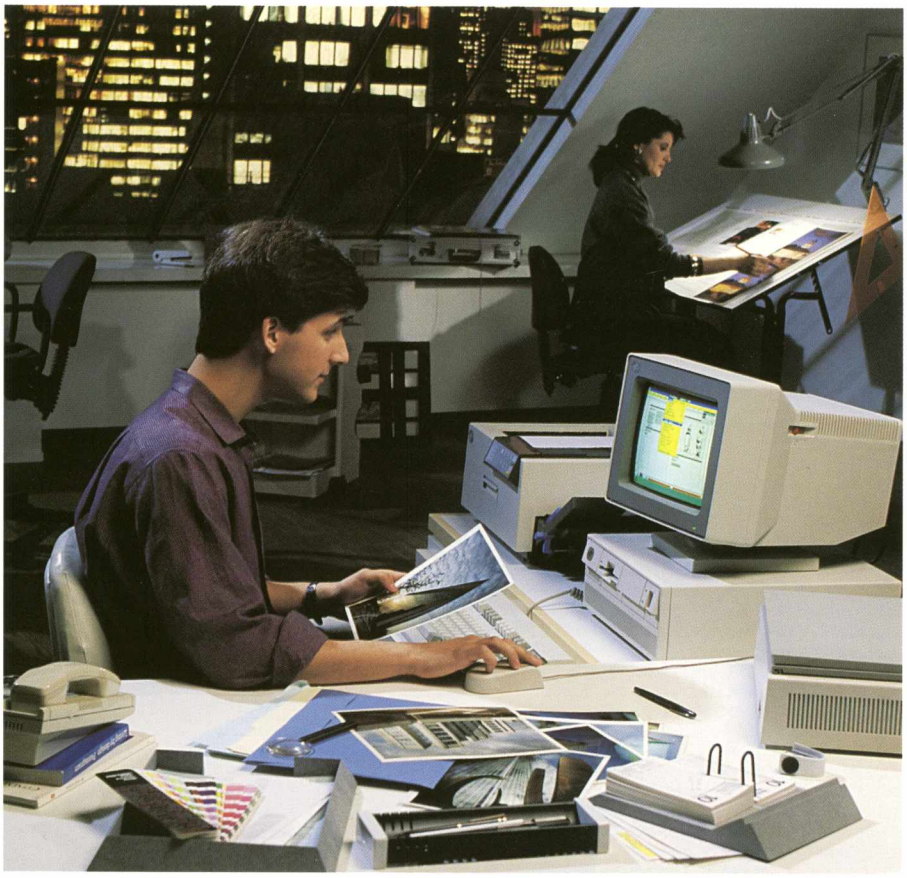


the IBM PageScanner,™ enhanced with software like IBM ImagEdit,™ or drawn with such products as CORELDRAW,® Micrografx Designer,® Computer Support Corp.'s Arts & Letters™ Graphics Editor, and Adobe Illustrator Windows.® And since it supports the IBM Interleaf™ Publisher, Page Printer II makes it easy for you to incorporate images and graphics into your technical manuals or books.

What's more, by using a printer-sharing device, you can easily make the printer available to multiple users running different applications—and even using different workstations. Because it also comes with standard serial and parallel interfaces, Page Printer II can support a variety of LAN servers and workstation attachments. Also, a standard AppleTalk® port lets you connect the Page Printer II directly to your Apple® workstations. It all adds up to maximum productivity from your laser-printing investment.

With its multiuser support, expandable memory, PostScript capability and 47 typeface styles, the Page Printer II can be the linchpin of your publishing system—and the key to your printing success.

Add professional publishing polish to your office printing. Professional publishing capabilities aren't all you get with Page Printer II. For quality office printing in non-PostScript applications, the Page Printer II features the Printer Command Language (PCL)™ protocol for Hewlett-Packard LaserJet® PLUS emulation. With PCL, your Page Printer II can make your correspondence, spreadsheets and other business documents look sharper than ever. And because PCL also supports a variety of additional fonts, it gives you a wider range of choices for your routine office printing—from standard Courier type to other popular typeface styles.

Run PostScript applications with ease. Since the PostScript page description language is resident in Page Printer II, no special adapters are required to run popular publishing applications—such as IBM Interleaf Publisher or Aldus PageMaker.® All you need is a standard communications interface.

Share one printer for several applications. Here are some examples that show what a powerful tool Page Printer II can be in your office:

A manager can use PageMaker to create a quarterly report—complete with graphics—and then send it over an IBM Token-Ring Network to the Page Printer II, which will compose it in PostScript and print the final document. At the same time, an artist at another workstation on the network can send a new corporate letterhead—created with Micrografx Designer—to the same Page Printer II. Again, the printer's PostScript page description language will print a camera-ready letterhead. Meanwhile, a clerical worker can use the network to send several letters to Page Printer II for quality office printing using PCL. And the Page Printer II is always ready to print different documents without requiring you to change switches. So whatever the application or the requirements, the Page Printer II gets the job done—on your desk or over a network.

Select from a variety of network interfaces. With its serial, parallel and AppleTalk ports, the Page Printer II is designed to give you the connectivity options you require to meet the printing needs of workgroups and even whole departments. With such ready access to Page Printer II, you can make laser-quality printing available to anyone who needs it—whenever and wherever they need it.

Highlights

Following are some of the features and functions that make the IBM Personal Page Printer II one of the most versatile and efficient laser printers available.

PostScript interpreter, included on the internal controller card of the Page Printer II, lets you print directly from IBM Interleaf Publisher and over 4,000 PostScript-supported applications.

16.67 MHz Motorola® 68000 processor provides the processing power to print complex page layouts quickly and efficiently at up to six pages per minute.

47 PostScript typeface styles, resident in the Page Printer II, put an array of type styles, sizes and typographic options at your fingertips.

Automatic emulation switching simplifies sharing the Personal Page Printer II in multiple application environments. The printer accepts both PostScript and non-PostScript emulations automatically. So you don't have to change switch settings. The emulation switching software also speeds up printing by reducing the time required to send a file to Page Printer II's parallel interface.

Optional sheet feeder contains two 200-sheet input trays and a 50-envelope input tray that can make all your printing applications easier than ever. The first tray can be used for company letterhead, for example, and the second tray for plain white paper. The whole package—including envelopes—can even be sequenced automatically.

The sheet feeder is also perfect for multi-user applications. Two users on a local area network (LAN) can output to the same printer—one printing on letterhead, the other on legal-size sheets.

Upgradeable memory from 2Mb to 4Mb allows storage space for additional typographic fonts, giving you extra printing options and enhancing your desktop publishing output.

Internal diagnostics detect and identify problems as they arise—so you can correct them quickly and keep downtime to a minimum.

Printer Command Language (PCL) support allows Page Printer II to emulate the Hewlett-Packard LaserJet PLUS and other PCL-compatible printers.

IBM Proprinter™ XL emulation permits word processing applications with Proprinter XL drivers to use the Page Printer II for superior-quality office printing.

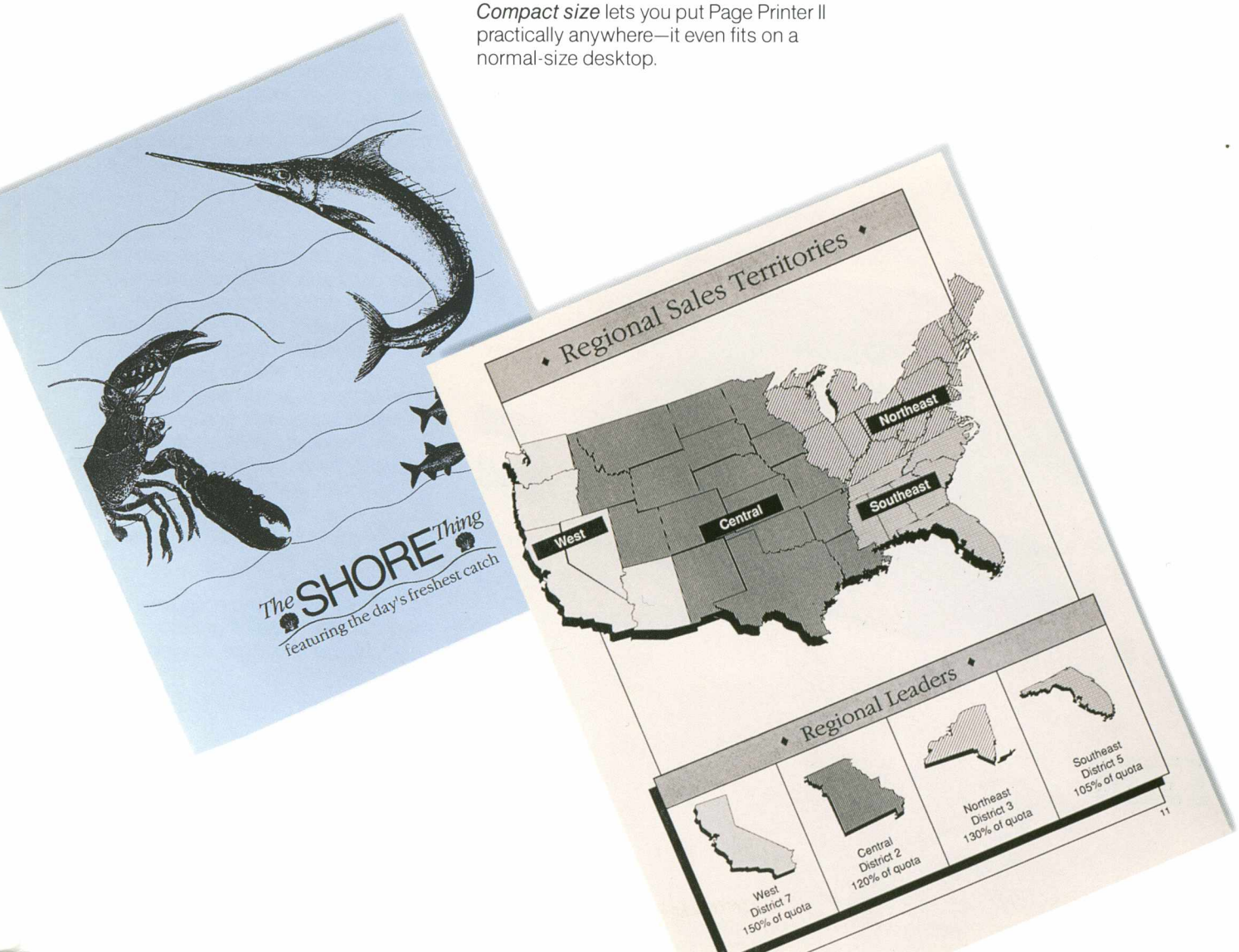
Diablo 630® emulation comes with the Page Printer II for applications with Diablo drivers.

Compact size lets you put Page Printer II practically anywhere—it even fits on a normal-size desktop.

What you get

The IBM Personal Page Printer II provides quality laser printing with any IBM Personal Computer, IBM Personal Computer XT,™ IBM Personal Computer XT 286, Personal Computer AT,® Personal System/2,® IBM RT® or compatibles. In addition, non-IBM workstations that support AppleTalk, serial or parallel interfaces may also use Page Printer II. Included with each Page Printer II are:

- Diskettes containing: a DOS device driver for automatic emulation switching and enhanced parallel port performance, Microsoft® screen fonts, and an installation program.
- RS232C serial connector port
- PC parallel connector port
- AppleTalk connector port
- Toner cartridge
- Photoconductor unit
- Cleaning unit
- Power cord
- IBM Personal Page Printer II Guide to Operations



Options

The following options are available for the IBM Personal Page Printer II:

- Dual paper tray and envelope sheet feeder
- 4216-030 Upgrade Kit (for upgrading to Model 031)
- 2Mb memory expansion feature
- PC Parallel Attachment Cable
- RS232C Serial Attachment Cable

Software support

PostScript, Printer Command Language (PCL), IBM Proprinter XL, and Diablo 630 protocols are all resident in Page Printer II, making it compatible with a variety of publishing, word processing and graphics applications, including:

- *Publishing*
  Microsoft Windows; Microsoft Windows 286/386; Aldus PageMaker; IBM Interleaf Publisher; Publish-It;™ Ventura™ Publisher
- *Illustration and design*
  Micrografx Windows Draw;® Adobe Illustrator Windows; PC Paintbrush;® Publisher's Paintbrush;® Arts & Letters Graphics Editor; Micrografx Designer; CORELDRAW
- *Image processing*
  IBM ImagEdit; Aldus Snapshot®
- *Graphics*
  Micrografx Windows Graph;® Harvard Graphics™
- *Office productivity*
  Microsoft Chart; Microsoft Works; Microsoft Excel; Microsoft Project
- *Word processing*
  Microsoft Word 4.0; WordPerfect™ 5.0; Total Word;™ WordStar 2000;® Samna Plus IV;® IBM DisplayWrite™ 4 and 5

Warranty/Service

Every IBM Personal Page Printer II is designed and manufactured to meet IBM's high standards of quality and reliability.

Each Page Printer II is backed by a one-year limited warranty that includes Customer Carry-in Repair (CCR). IBM On-site Repair (IOR) is available as an option. For additional warranty or post-warranty information, contact your IBM Authorized Dealer or your local IBM marketing representative.

IBM Personal Page Printer II at a glance

Description	High-quality, versatile, 300-dot-per-inch PostScript laser printer
Weight	35 lbs. (16 kg)
Dimensions	8.327"H x 16.46"W x 17.68"D (212.5mm x 418mm x 449mm)
Power	110V, 50-60 Hz
Operating environment	60° to 90°F (15.6° to 32.2°C); 20 to 80 percent relative humidity; 73°F (22.8°C) maximum wet bulb
Printing speed	Six pages per minute
Interface	IBM PC parallel port or equivalent, RS232C serial port, AppleTalk port
Hardware compatibility	IBM Personal Computer, IBM Personal Computer XT, IBM Personal Computer XT 286, IBM Personal Computer AT, IBM Personal System/2 Model 30 and higher, IBM RT and compatibles; Apple workstations
Printer compatibility	PostScript; HP LaserJet PLUS Printer Command Language (PCL); IBM Proprinter XL; Diablo 630; automatic emulation switching
Paper requirements	Maximum weight: 90 grams per square meter Maximum print width: 8" (203mm) Maximum paper width: 8.5" (216mm)

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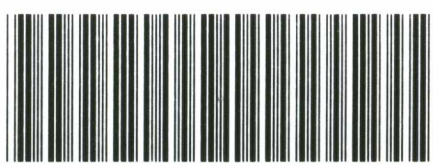

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